

What is claimed is:

- 1) A portable purifying system comprising, in combination:
 - a) first reservoir means, comprising a first configuration, at least one upper rim portion, at least one open top portion, and at least one side wall, for collecting, through said at least one open top, at least one mixture comprising a first ratio of at least one desired material and at least one second ratio of at least one undesired material;
 - b) gravity means for using gravity to separate differing densities among the at least one first ratio of the at least one desired material and the at least one second ratio of the at least one undesired material;
 - c) retrieving means for retrieving, from at least one selected location in said first reservoir means, a higher ratio of the at least one desired material; and
 - d) outlet means for providing an outlet spill outside said first reservoir means;
 - e) wherein said retrieving means comprises debris separating means for separating debris from the at least one desired material;
 - f) wherein said first configuration of said first reservoir means comprises said gravity means; and

- g) wherein said retrieving means comprises substantially vertical cylinder means for forming at least one passageway from the at least one selected location to said outlet means, said outlet means being at least as high as at least one location adjacent said upper rim portion of said first reservoir means.
- 2) The purifying system according to Claim 1 further comprising:
- a) second reservoir means for holding essentially the at least one desired material;
 - b) wherein said first reservoir means is removably situated within said second reservoir means.
- 3) The purifying system according to Claim 1 wherein said retrieving means comprises filtering means restricting passage of the at least one such undesired material.
- 4) A portable purifying system comprising, in combination:
- a) at least one first reservoir, comprising a first configuration, at least one upper rim portion, at least one open top portion, and at least one side wall, adapted to collect, through said at least one open top, at least one mixture comprising a first ratio of at least one desired material and at least one second ratio of at least one undesired material;

- b) at least one gravity separator to use gravity to separate differing densities among the at least one first ratio of the at least one desired material and the at least one second ratio of the at least one undesired material;
- c) at least one retriever to retrieve from at least one selected location in said at least one first reservoir, a higher ratio of the at least one desired material; and
- d) at least one outlet adapted to provide at least one outlet spill outside said at least one first reservoir;
- e) wherein said retriever comprises at least one debris separator to separate debris from the at least one desired material;
- f) wherein said first configuration of said at least one first reservoir comprises said at least one gravity separator; and
- g) wherein said at least one retriever comprises at least one substantially vertical cylinder to form at least one passageway from the at least one selected location to said at least one outlet, said at least one outlet being at least as high as at least one location adjacent said upper rim portion of said at least one first reservoir.

- 5) The purifying system according to Claim 4 further comprising:
 - a) at least one second reservoir structured and arranged to hold essentially the at least one desired material;
 - b) wherein said at least one first reservoir is removably situate within said at least one second reservoir.
- 6) The purifying system according to Claim 4 wherein said at least one retriever comprises at least one filter restricting passage of the at least one such undesired material.
- 7) The purifying system according to Claim 4 wherein said at least one first reservoir is portable.
- 8) The purifying system according to Claim 5 further comprising at least one support adapted to support said at least one first reservoir within said at least one second reservoir.
- 9) The purifying system according to Claim 4 wherein said at least one first reservoir is removably attached to at least one wash basin.
- 10) The purifying system according to Claim 6 wherein said at least one filter comprises polypropylene structured and arranged to filter oils from the at least one such desired material.

- 11) A portable purifying system comprising, in combination:
- a) at least one portable reservoir comprising a first configuration, at least one upper rim portion, at least one open top portion, and at least one side wall, adapted to collect, through said at least one open top, at least one mixture comprising a first ratio of at least one desired material and at least one second ratio of at least one undesired material;
 - b) at least one vertical cylinder, having
 - i) at least one inlet portion to retrieve from at least one selected location in said at least one portable reservoir, a higher ratio of the at least one desired material, and
 - ii) at least one outlet portion adapted to provide at least one outlet spill outside said at least one first reservoir;
 - c) wherein said at least one vertical cylinder is attached to said at least one reservoir such that said at least one inlet portion draws from at least one selected location within said at least one reservoir and said at least one outlet portion outlets through said at least one side wall outside of said at least one reservoir; and

- d) wherein said first configuration of said at least one reservoir comprises at least one gravity separator to use gravity to separate differing densities among the at least one first ratio of the at least one desired material and the at least one second ratio of the at least one undesired material.
- 12) The purifying system according to Claim 11 further comprising at least one oil-blocking filter removably covering said at least one inlet.
- 13) The purifying system according to Claim 12 further comprising at least one first O-ring adapted to removably couple said at least one oil-blocking filter to said at least one inlet.
- 14) The purifying system according to Claim 13 further comprising at least one second O-ring adapted to provide at least one seal between said at least one outlet portion and said at least one side wall of said at least one reservoir.
- 15) The purifying system according to Claim 12 further comprising at least one magnetic attractor located within or closely adjacent said at least one reservoir.
- 16) The purifying system according to Claim 15 wherein said at least one magnetic attractor is located near at least one bottom portion of said at least one reservoir.

- 17) The purifying system according to Claim 16 wherein said at least one reservoir has a fluid capacity of about five gallons.
- 18) The purifying system according to Claim 17 wherein said at least one reservoir comprises one 5-gallon bucket.
- 19) The purifying system according to Claim 16 further comprising at least one wash basin.
- 20) The purifying system according to Claim 19 further comprising:
 - a) at least one support, having at least one circumferential band and at least three support legs attached to said at least one circumferential band;
 - b) wherein said at least one reservoir is removably supported by said at least one support.
- 21) The purifying system according to Claim 20 further comprising at least one height adjuster structured and arranged to adjust the height of said at least one support.
- 22) The purifying system according to Claim 19 further comprising at least one support, having at least one first panel and at least one second panel, adapted to support said at least one reservoir and adapted to be transported substantially flat.

- 23) A portable purifying system comprising, in combination:
- a) means for providing a smaller reservoir within a larger reservoir;
 - b) means for using re-circulating solvent from the larger reservoir, washing oily parts in such manner that oily residue from the washed parts is deposited in the smaller reservoir;
 - c) means, within the smaller reservoir, for separating cleaner portions of solvent from dirtier portions of solvent;
 - d) means for moving the cleaner portions of solvent into the larger reservoir; and
 - e) means for periodically emptying and cleaning the smaller reservoir.
- 24) The purifying system according to Claim 23 wherein such means for separating comprises:
- a) means for using density differences to separate by gravity action cleaner portions from dirtier portions.

- 25) A portable purifying system comprising, in combination, the steps of:
- a) providing a smaller reservoir within a larger reservoir;
 - b) using re-circulating solvent from the larger reservoir, washing oily parts in such manner that oily residue from the washed parts is deposited in the smaller reservoir;
 - c) within the smaller reservoir, separating cleaner portions of solvent from dirtier portions of solvent;
 - d) moving the cleaner portions of solvent into the larger reservoir; and
 - e) periodically emptying and cleaning the smaller reservoir.
- 26) The purifying system according to Claim 25 wherein the step of separating comprises the step of:
- a) using density differences to separate by gravity action cleaner portions from dirtier portions.
- 27) A system adapted to use at least one magnet to separate magnetic particles by particle-clinging to a non-magnetic removable sheath around the magnet so that removal of the magnet from the sheath permits easy cleaning of the particles off the sheath.